



AQUABEST®

ULTRAVIOLET DISINFECTION SYSTEM



AquaBest Model PAW Ultraviolet Treatment Unit

AQUABEST Cleaning UV Series is simple to operate and its small size is also a plus that occupies tiny space. With its reaction chamber and control cabinet located apart, it's a lot easier to operate and have it fixed.

AQUABEST Cleaning UV Series can be applied to hospitals, laboratories, hotels, cosmetic manufacture, pharmaceutical factory, and semi-conductor plants for pure water treatment.



AquaBest Model PEW Ultraviolet Treatment Unit

Feature:

- ◆ CE Certified
- ◆ 304 or 316L SS Reaction Tank
- ◆ Optional Purchase: Ultraviolet Detector
- ◆ Optional Purchase: 4-20 mA Output Signal
- ◆ Optional Purchase: Sanitary Level Fittings of Inlet and Outlet Water

PAW & PEW Series SPECIFICATIONS

Model#	PAW50	PAW75	PAW100	PAW125	PAW150	PAW175	PAW200	PAW225	PAW250
Model#	PEW50	PEW75	PEW100	PEW125	PEW150	PEW175	PEW200	PEW225	PEW250
Flow rate	50gpm (15m3/hr)	75gpm (20m3/hr)	100gpm (25m3/hr)	125gpm (30m3/hr)	150gpm (35m3/hr)	175gpm (45m3/hr)	200gpm (50m3/hr)	225gpm (55m3/hr)	250gpm (60m3/hr)
Inlet/Outlet Port	1-1/2" R.F. Flange	2" R.F. Flange	3" R.F. Flange	3" R.F. Flange	3" R.F. Flange	4" R.F. Flange	4" R.F. Flange	4" R.F. Flange	4" R.F. Flange
Cabinet Housing Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Treatment Chamber Material	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S
Dimension LxWxH:Inches(cm)	35.8 x 10 x 14.6 (91 x 25 x 37)	35.8 x 10 x 14.6 (91 x 25 x 37)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)
Detachable Air Control Panel LxWxH:Inches(cm)	14.9 x 7.9 x 16.5 (38 x 20 x 42)	14.9 x 7.9 x 16.5 (38 x 20 x 42)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)
Detachable Electric Control Panel LxWxH:Inches(cm)	15.5 x 7.9 x 19.6 (39 x 20 x 50)	15.5 x 7.9 x 19.6 (39 x 20 x 50)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)
Standard Operating Pressure	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)	120 psig (8.3 bar)
Lamp part#Watts (Numbers of UV lamps)	THO36LS,87W (2)	THO36LS,87W (3)	THO36LS,87W (4)	THO36LS,87W (5)	THO36LS,87W (6)	THO36LS,87W (7)	THO36LS,87W (8)	THO36LS,87W (9)	THO36LS,87W (10)
Quartz Sleeve Part# (Numbers of Quartz Sleeve)	QS900 (2)	QS900 (3)	QS900 (4)	QS900 (5)	QS900 (6)	QS900 (7)	QS900 (8)	QS900 (9)	QS900 (10)
Power Consumption(Watts)	174	261	348	435	522	609	696	783	870
Electronic Ballast Part# (Number of Ballast) Input Voltage:110-240V 50/60Hz	ABE80087 (2)	ABE80087 (3)	ABE80087 (4)	ABE80087 (5)	ABE80087 (6)	ABE80087 (7)	ABE80087 (8)	ABE80087 (9)	ABE80087 (10)
Temperature Safety Control	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
S-254 Optical UV Sensor	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
4-20 mA Output Signal	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

◆ Flow Rate Stated at 30mJ/cm2 based on 95% UVT EOL(End of Lamp Life)

Operating Parameters:

- ▲ Ambient Water Temperature:2-40°C(36-104°F)
- ▲ Iron:<0.3ppm(0.3mg/L)
- ▲ Turbidity:<1NTU
- ▲ UV Transmittance:>75%



No.906,Wu she Jian she he Road, Mao Gang Town, Song Jiang District, Shanghai People Republic of China ZIP:201606
 Tel:+86-21-67628567 Fax:+86-21-57874288
www.aquabest.net sales@aquabestuv.com

Warranty:

AquaBest ultraviolet disinfection system carry a TWO year warranty on the stainless steel reactor chamber.
 a one year warranty on UV lamp, quartz sleeve and other components.